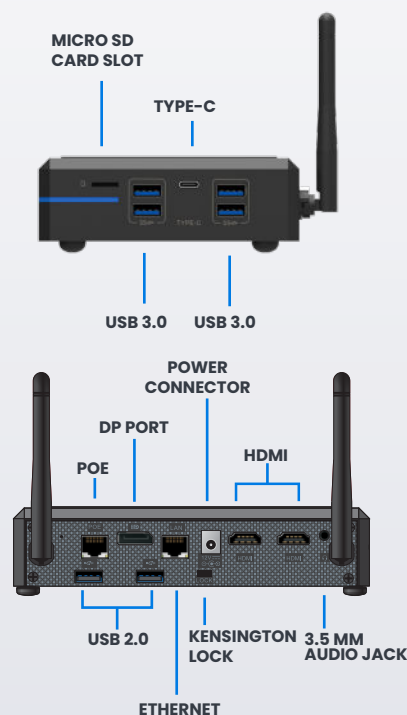


BYTE AI

Byte AI is a **purpose-built AI board** housed in Azulle's proven Byte form factor. Unlike traditional mini PCs, it is engineered specifically to power **M.2 AI accelerator modules**, delivering the bandwidth, stability, and durability that consumer-grade hardware cannot match. With **industrial-grade components** and a design optimized for edge environments, Byte AI is built to scale next-generation AI deployments.



PORTS



KEY FEATURES

- ▶ Custom AI board with **industrial-grade components**
- ▶ **14.5W power delivery**
- ▶ **4 PCIe lanes** for high-speed throughput
- ▶ **Windows & Linux support** out of the box
- ▶ Compatible with Hailo, Axelera, DeepX, MemryX, Sacura -II, and more.
- ▶ Future-proof design for next-generation accelerators
- ▶ Compact Byte housing for seamless integration
- ▶ Designed for continuous **24/7 operation**

PRODUCT SPECIFICATIONS

MEMORY

RAM INSTALLED	Embedded 4GB; LPDDR5
---------------	----------------------

STORAGE

STORAGE	64GB eMMC
---------	-----------

OS/OTHER

OPERATING SYSTEM	Windows 11 Pro, Windows IoT, Linux Ubuntu
WI-FI	AX201 WiFi 6 onboard, external antenna
GPU MODEL & MANUFACTURER	Intel® UHD Graphics

PROCESSOR

PROCESSOR, MODEL & MANUFACTURER	Intel® Alder Lake (N100)
PROCESSOR CORE COUNT	4
PROCESSOR CACHE	6 MB Intel® Smart Cache

NETWORK

ETHERNET	1 Gbps (x1) 2.5 Gbps (x1)
BLUETOOTH	Intel® AX201, supports Bluetooth 5.2
WIRELESS LAN (TYPE)	WiFi 6

INTERFACES/PORTS

HDMI® (NUMBER)	HDMI 2.0 (x2)
HDMI® OUTPUT	4k@60fps
DISPLAY PORT	DP Port - 4k @60FPS (x1)
M.2 PORT POWER OUTPUT	14.5W, AI module, PCIe (x4)
USB PORTS	USB3.0 (x4) USB2.0 (x2)
TYPE-C PORT	USB2.0 (x1)
MICRO SD CARD SLOT	(x1)
AUDIO OUTPUT	3.5 mm audio jack with L/R/MIC combo (x1)
POWER CONNECTOR	Locking Power Jack
POWER SUPPLY	12V/4A
WEIGHT	2.20 lbs
DIMENSIONS	7 x 5.2 x 1.5 in
WARRANTY	3 year manufacturer's warranty